

## Chitosan Market 2022 Business Scenario -Kitozyme S.A., Primex EHF, Vietnam Food, etc.

Prominent properties of chitosan such as bio-compatibility and bio-degradability make it useful in various healthcare applications.

NEW YORK CITY, NY, UNITED STATES, May 2, 2022 /EINPresswire.com/ --Reports and Data have recently published a novel report on the global <u>Chitosan Market</u> to provide detailed



information about ongoing and upcoming activities in the Chitosan industry. The global market was USD 784.8 Million in 2020 and is expected to reach USD USD 2,093.5 Million in 2028 and register a robust CAGR of 12.9% during the forecast period, 2021=2-2028. The report offers details about recent market trends, market size, market share, revenue growth, restraints, drivers, growth opportunities, challenges, along with market segmentation and overall market dynamics. The report is curated using extensive primary and secondary research and is proofread by market experts and professionals. The report provides Porter's five forces and SWOT analysis to help users understand current market insights. The report also sheds light on changes in the market dynamics during the COVID-19 outbreak.

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In recent years, various natural, as well as synthetic polymers, have been examined for biotechnological agricultural, pharmaceutical, and medical applications. Among these polymers, chitosan is a linear homopolymer of N-acetyl glucosamine units and glucosamine linked by  $\beta$  (1–4) glycosidic linkage. It is the deacetylated product of natural chitin that is the second most abundant polysaccharide in nature. Due to unique characteristics, such as biocompatibility, nontoxicity, and biodegradability, it is globally used as an antifungal, antibacterial, and adhesive agent. Such diverse applications of the polymer is one of the primary reasons for the continuous growth of the market. It has several possible biomedical and commercial uses. It is applicable in agriculture as a seed treatment and biopesticide, in which, it helps in treating fungal infections. In the paints & coating industry, it can be applied in a self-healing polyurethane paint coating. In winemaking, it is used as a fining agent that is also helping to avoid spoilage. In medicine, it is

useful in bandages for minimizing bleeding and as an antibacterial agent. The continuous rise in cardiovascular diseases and obesity acts as another contributing factor propelling the market growth. It is a fibrous substance that helps in restricting the absorption of dietary fat, and cholesterol, which has resulted in its elevated application in the treatment of obesity and cardiovascular diseases.

In context to region, North America occupies a prominent market position. The expansion of the market in the North American region is the result of the presence of a well-established pharmaceutical industry and the continuous focus on biotechnological research.

## Market Dynamics:

The materials sector includes designing, developing, and processing raw materials, chemicals, containers, packaging, and construction materials, along with paper and forest products. The materials and chemicals industry is rapidly expanding in terms of revenue and is expected to register robust revenue CAGR over the forecast period. This can be attributed to factors such as increasing demand for raw materials and chemicals across various sectors such as agriculture, paper, food and beverage, manufacturing, pharmaceutical, and healthcare among others. Other factors such as growing demand for various daily use products such as perfumes, soaps, and detergents, high adoption of green energy and rising investments in research and development activities, and increasing disposable income are key factors expected to fuel market revenue growth during the forecast period.

## Competitive Landscape:

The global Chitosan market is extremely competitive and comprises key players operating at the regional and global levels. The report also sheds light on each market player operating in the market with details such as financial standing, revenue generation, product portfolio, and license agreement. Some of the key companies operating in the global Chitosan market include Heppe Medical Chitosan GmbH, Kitozyme S.A., Primex EHF, Vietnam Food, Advanced Biopolymers A S, G.T.C. Bio Corporation, Bio21 Co., Ltd., Zhejiang Golden-Shell Pharmaceutical Co., Ltd., Taizhou City Fengrun Biochemical Co., Ltd. and Agratech. These market players are various strategies such as mergers and acquisitions, collaborations, joint ventures, collaborations, partnerships, and research and development investments to strengthen their market position and expand their product base.

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For the purpose of this report, Reports and Data have segmented the global Chitosan market according to Grade, Source, Application, and Region:
Grade Type Outlook (Volume, Kilo Tons; Revenue, USD Million; 2018-2028)
Pharmaceutical Grade

**Industrial Grade** 

Food Grade
Source type Outlook (Volume, Kilo Tons; Revenue, USD Million; 2018-2028)
Shrimps
Crabs
Prawns
Lobsters
White mushroom
Others
Application Type Outlook (Volume, Kilo Tons; Revenue, USD Million; 2018-2028)
Food & Beverages
Water Treatment
Medical & Pharmaceuticals
Cosmetics
Agrochemicals
Others
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Regional Outlook (Volume, Kilo Tons; Revenue, USD Million; 2018-2028)
North America
Europe
Asia Pacific
MEA

## Latin America

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